

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/452,843

DATE: 02/25/97

TIME: 14:51:36

INPUT SET: S15723.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

## (1) General Information:

(i) APPLICANT: Sette, Alessandro  
Sidney, John

(ii) TITLE OF INVENTION: HLA Binding Peptides and Their Uses

(iii) NUMBER OF SEQUENCES: 30

## (iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
- (B) STREET: Two Embarcadero Center, Eighth Floor
- (C) CITY: San Francisco
- (D) STATE: CA
- (E) COUNTRY: USA
- (F) ZIP: 94111-3834

## (v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

## (vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: US 08/452,843
- (B) FILING DATE: 30-MAY-1995
- (C) CLASSIFICATION: 514

## (viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Bastian, Kevin L.
- (B) REGISTRATION NUMBER: 34,774
- (C) REFERENCE/DOCKET NUMBER: 014137-008020US

## (ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 415-576-0200
- (B) TELEFAX: 415-576-0300

## (2) INFORMATION FOR SEQ ID NO:1:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Not Relevant

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47 (D) TOPOLOGY: Not Relevant  
48  
49 (ii) MOLECULE TYPE: peptide  
50  
51  
52 (ix) FEATURE:  
53 (A) NAME/KEY: Peptide  
54 (B) LOCATION: 1..9  
55 (D) OTHER INFORMATION: /note= "B35 consensus peptide"  
56  
57  
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
59  
60 Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
61 1 5  
62  
63 (2) INFORMATION FOR SEQ ID NO:2:  
64  
65 (i) SEQUENCE CHARACTERISTICS:  
66 (A) LENGTH: 9 amino acids  
67 (B) TYPE: amino acid  
68 (C) STRANDEDNESS: Not Relevant  
69 (D) TOPOLOGY: Not Relevant  
70  
71 (ii) MOLECULE TYPE: peptide  
72  
73  
74 (ix) FEATURE:  
75 (A) NAME/KEY: Peptide  
76 (B) LOCATION: 1..9  
77 (D) OTHER INFORMATION: /note= "Y1 analog of 1054.05"  
78  
79  
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
81  
82 Tyr Pro Lys Val Lys Gln Trp Pro Leu  
83 1 5  
84  
85 (2) INFORMATION FOR SEQ ID NO:3:  
86  
87 (i) SEQUENCE CHARACTERISTICS:  
88 (A) LENGTH: 11 amino acids  
89 (B) TYPE: amino acid  
90 (C) STRANDEDNESS: Not Relevant  
91 (D) TOPOLOGY: Not Relevant  
92  
93 (ii) MOLECULE TYPE: peptide  
94  
95  
96 (ix) FEATURE:  
97 (A) NAME/KEY: Peptide  
98 (B) LOCATION: 1..11  
99 (D) OTHER INFORMATION: /note= "MAGE-1"

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100  
101  
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
103  
104 Cys Ile Leu Glu Ser Cys Phe Arg Ala Val Ile  
105 1 5 10  
106  
107 (2) INFORMATION FOR SEQ ID NO:4:  
108  
109 (i) SEQUENCE CHARACTERISTICS:  
110 (A) LENGTH: 9 amino acids  
111 (B) TYPE: amino acid  
112 (C) STRANDEDNESS: Not Relevant  
113 (D) TOPOLOGY: Not Relevant  
114  
115 (ii) MOLECULE TYPE: peptide  
116  
117  
118 (ix) FEATURE:  
119 (A) NAME/KEY: Peptide  
120 (B) LOCATION: 1..9  
121 (D) OTHER INFORMATION: /note= "B53 self peptide"  
122  
123  
124 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
125  
126 Tyr Pro Ala Glu Ile Thr Leu Tyr Trp  
127 1 5  
128  
129 (2) INFORMATION FOR SEQ ID NO:5:  
130  
131 (i) SEQUENCE CHARACTERISTICS:  
132 (A) LENGTH: 9 amino acids  
133 (B) TYPE: amino acid  
134 (C) STRANDEDNESS: Not Relevant  
135 (D) TOPOLOGY: Not Relevant  
136  
137 (ii) MOLECULE TYPE: peptide  
138  
139  
140 (ix) FEATURE:  
141 (A) NAME/KEY: Peptide  
142 (B) LOCATION: 1..9  
143 (D) OTHER INFORMATION: /note= "Cw3 consensus"  
144  
145  
146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
147  
148 Phe Ala Met Pro Asn Phe Gln Thr Leu  
149 1 5  
150  
151 (2) INFORMATION FOR SEQ ID NO:6:  
152

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153 (i) SEQUENCE CHARACTERISTICS:  
154 (A) LENGTH: 9 amino acids  
155 (B) TYPE: amino acid  
156 (C) STRANDEDNESS: Not Relevant  
157 (D) TOPOLOGY: Not Relevant  
158  
159 (ii) MOLECULE TYPE: peptide  
160  
161  
162 (ix) FEATURE:  
163 (A) NAME/KEY: Peptide  
164 (B) LOCATION: 1..9  
165 (D) OTHER INFORMATION: /note= "Cw3 consensus"  
166  
167  
168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
169  
170 Phe Ala Met Pro Asn Phe Tyr Thr Leu  
171 1 5  
172  
173 (2) INFORMATION FOR SEQ ID NO:7:  
174  
175 (i) SEQUENCE CHARACTERISTICS:  
176 (A) LENGTH: 9 amino acids  
177 (B) TYPE: amino acid  
178 (C) STRANDEDNESS: Not Relevant  
179 (D) TOPOLOGY: Not Relevant  
180  
181 (ii) MOLECULE TYPE: peptide  
182  
183  
184 (ix) FEATURE:  
185 (A) NAME/KEY: Peptide  
186 (B) LOCATION: 1..9  
187 (D) OTHER INFORMATION: /note= "Cw4 consensus"  
188  
189  
190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
191  
192 Gln Pro Asp Asp Ala Val Tyr Lys Leu  
193 1 5  
194  
195 (2) INFORMATION FOR SEQ ID NO:8:  
196  
197 (i) SEQUENCE CHARACTERISTICS:  
198 (A) LENGTH: 9 amino acids  
199 (B) TYPE: amino acid  
200 (C) STRANDEDNESS: Not Relevant  
201 (D) TOPOLOGY: Not Relevant  
202  
203 (ii) MOLECULE TYPE: peptide  
204  
205

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206 (ix) FEATURE:  
207 (A) NAME/KEY: Peptide  
208 (B) LOCATION: 1..9  
209 (D) OTHER INFORMATION: /note= "Cw6 consensus"  
210  
211  
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
213  
214 Ile Pro Tyr Pro Ile Val Arg Lys Leu  
215 1 5  
216  
217 (2) INFORMATION FOR SEQ ID NO:9:  
218  
219 (i) SEQUENCE CHARACTERISTICS:  
220 (A) LENGTH: 9 amino acids  
221 (B) TYPE: amino acid  
222 (C) STRANDEDNESS: Not Relevant  
223 (D) TOPOLOGY: Not Relevant  
224  
225 (ii) MOLECULE TYPE: peptide  
226  
227  
228 (ix) FEATURE:  
229 (A) NAME/KEY: Peptide  
230 (B) LOCATION: 1..9  
231 (D) OTHER INFORMATION: /note= "Cw6 consensus"  
232  
233  
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
235  
236 Ile Pro Tyr Pro Ile Val Arg Ser Leu  
237 1 5  
238  
239 (2) INFORMATION FOR SEQ ID NO:10:  
240  
241 (i) SEQUENCE CHARACTERISTICS:  
242 (A) LENGTH: 9 amino acids  
243 (B) TYPE: amino acid  
244 (C) STRANDEDNESS: Not Relevant  
245 (D) TOPOLOGY: Not Relevant  
246  
247 (ii) MOLECULE TYPE: peptide  
248  
249  
250 (ix) FEATURE:  
251 (A) NAME/KEY: Peptide  
252 (B) LOCATION: 1..9  
253 (D) OTHER INFORMATION: /note= "Cw6 consensus"  
254  
255  
256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
257  
258 Ile Pro Phe Pro Ile Val Arg Tyr Leu

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/452,843**

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Line	Error	Original Text
29	Wrong Classification	(C) CLASSIFICATION: 514